



**ICR mice**

### Pentobarbital-induced experiments:

- Sleep onset (%);
- Sleep latency;
- Sleep duration;

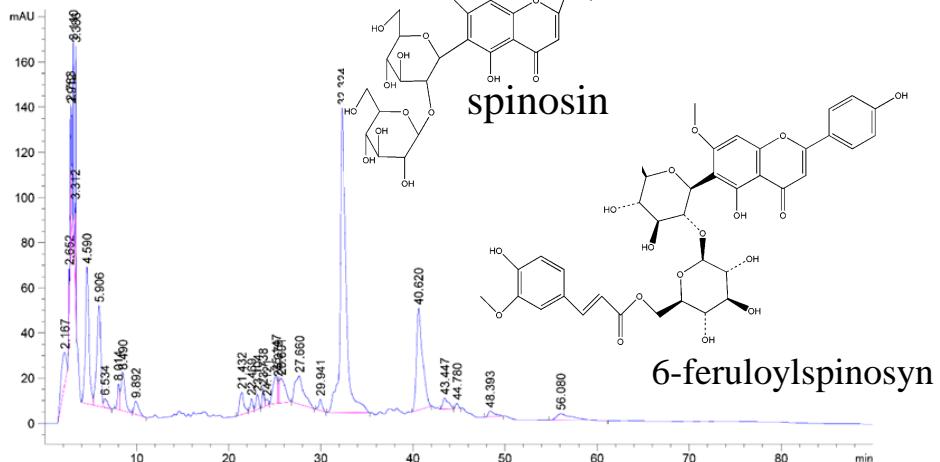
Orally administration for 7 days



**Suanzaoren Tang**



**Modified Suanzaoren Decotion**



Day 0

Day 7

Day 11

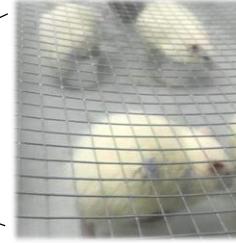
Administrate with drugs

Hot drugs

Sleep deprivation



**SD rats**



**Sleep deprivation**

- Histopathology of brain and stomach;
- Monoamine neurotransmitters;
- Open field test
- Gastrointestinal hormone;
- brain-gut peptide (CCK-8 and Orexin-A);

